



November 4, 2010

NRC 2010-0158  
10 CFR 50.90

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Point Beach Nuclear Plant, Units 1 and 2  
Dockets 50-266 and 50-301  
Renewed License Nos. DPR-24 and DPR-27

License Amendment Request 261  
Extended Power Uprate  
Response to Clarification Request

- References:
- (1) FPL Energy Point Beach, LLC letter to NRC, dated April 7, 2009, License Amendment Request 261, Extended Power Uprate (ML091250564)
  - (2) NRC electronic mail to NextEra Energy Point Beach, LLC, dated August 26, 2010, Point Beach Nuclear Plant, Units 1 and 2 – Clarification Requested (IHPB) re: Extended Power Uprate License Amendment Request (TAC Nos. ME1044 and ME1045) (ML102440139)
  - (3) NextEra Energy Point Beach, LLC letter to NRC, dated August 23, 2010, License Amendment Request 261, Extended Power Uprate, Response to Request for Additional Information (ML102370315)

NextEra Energy Point Beach, LLC (NextEra) submitted License Amendment Request (LAR) 261 (Reference 1) to the NRC pursuant to 10 CFR 50.90. The proposed amendment would increase each unit's licensed thermal power level from 1540 megawatts thermal (MWt) to 1800 MWt, and revise the Technical Specifications to support operation at the increased thermal power level.

Via Reference (2), the NRC staff requested clarification of information provided in Reference (3) to enable the staff's continued review of LAR 261. Enclosure 1 provides NextEra's response to this clarification request.

This letter contains no new Regulatory Commitments and no revisions to existing Regulatory Commitments.

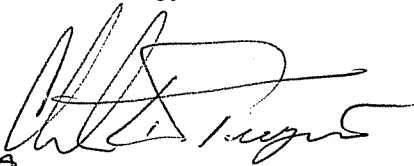
The information contained in this letter does not alter the no significant hazards consideration contained in Reference (1) and continues to satisfy the criteria of 10 CFR 51.22 for categorical exclusion from the requirements of an environmental assessment.

In accordance with 10 CFR 50.91, a copy of this letter is being provided to the designated Wisconsin Official.

I declare under penalty of perjury that the foregoing is true and correct.  
Executed on November 4, 2010.

Very truly yours,

NextEra Energy Point Beach, LLC

A handwritten signature in black ink, appearing to read "Larry Meyer", written over a faint, illegible printed name.

<sup>Print</sup>  
Larry Meyer  
Site Vice President

Enclosure

cc: Administrator, Region III, USNRC  
Project Manager, Point Beach Nuclear Plant, USNRC  
Resident Inspector, Point Beach Nuclear Plant, USNRC  
PSCW

## ENCLOSURE 1

### NEXTERA ENERGY POINT BEACH, LLC POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

#### LICENSE AMENDMENT REQUEST 261 EXTENDED POWER UPRATE RESPONSE TO CLARIFICATION REQUEST

The NRC staff determined that additional information was required (Reference 1) regarding the NextEra Energy Point Beach, LLC (NextEra) response to RAI IHPB-4 in Reference (2) to enable the Health Physics Branch to complete its review of License Amendment Request (LAR) 261, Extended Power Uprate (EPU) (Reference 3). The following information is provided by NextEra in response to the NRC staff's request.

#### **Request for Clarification**

*The NRC staff requires additional detailed information associated with RAI response IHPB-4. Specifically, the response provided documentation indicating that the NRC has accepted evacuation in lieu of meeting the habitability requirements of NUREG 0737 II.B.2, and NextEra referenced a 1981 submittal in response to NRC GL 81-10. The NRC staff requests that NextEra provide both the 1981 submittal and any documentation verifying the NRR review and acceptance, highlighting the issues of TSC habitability and compensatory measures in lieu of meeting II.B.2.*

*The NRC staff further notes that NRC GL 81-10 provided some additional clarifications on the acceptability of the emergency response facilities (OSC, TSC, and EOF). The GL 81-10 did not address TSC habitability other than to quote TMI Action Item III.A.1 that required that the TSC "shall be habitable to the same degree as the control room for postulated accident conditions." In other words, ensure adequate shielding to meet General Design Criterion 19 (as specified in TMI Action Item II.B.2) for vital areas such as the TSC.*

#### **NextEra Response**

The following response replaces the response to RAI IHPB-4 provided in Reference (2):

Reference (4), Attachment A, Item 2.6, in response to Generic Letter 81-10, "Post-TMI Requirements for the Emergency Operations Facilities" (Reference 5), indicated, in part, the following:

"The TSC will meet the same radiological habitability criteria as the control room."

NextEra has completed a dose analysis for the technical support center (TSC) at EPU conditions. The dose analysis confirms that the 30-day TSC dose following a large break loss of coolant accident is less than the 10 CFR 50.67 acceptance criteria for control room dose of 5 Rem TEDE.

NUREG-0696, "Functional Criteria for Emergency Response Facilities" (Reference 6), states, "If the TSC becomes uninhabitable, the TSC plant management function shall be transferred to the control room." Consistent with NUREG-0696, evacuation of the TSC shall take place if emergency response personnel dose in the TSC exceeds or is projected to exceed an unsafe level, or other emergency conditions exist such as a fire, toxic gas, or a loss of power. Evacuation of the TSC is incorporated into the Point Beach Nuclear Plant (PBNP) Emergency Plan Implementing Procedures.

### **References**

- (1) NRC electronic mail to NextEra Energy Point Beach, LLC, dated August 26, 2010, Point Beach Nuclear Plant, Units 1 and 2 – Clarification Requested (IHPB) re: Extended Power Uprate License Amendment Request (TAC Nos. ME1044 and ME1045) (ML102440139)
- (2) NextEra Energy Point Beach, LLC letter to NRC dated August 23, 2010, License Amendment Request 261, Extended Power Uprate, Response to Request for Additional Information (ML102370315)
- (3) FPL Energy Point Beach, LLC letter to NRC, dated April 7, 2009, License Amendment Request 261, Extended Power Uprate (ML091250564)
- (4) Wisconsin Electric Power Company letter to NRC, dated June 1, 1981, Emergency Response Facilities
- (5) U.S. Nuclear Regulatory Commission, "Post-TMI Requirements for the Emergency Operations Facility," Generic Letter 81-10, February 18, 1981
- (6) U.S. Nuclear Regulatory Commission, "Functional Criteria for Emergency Response Facilities," NUREG-0696, February 1981 (ML051390358)